



DEPARTMENT OF TREASURY

Community Development Financial Institution (CDFI) Fund

**CIIS – CDFI TRANSACTION LEVEL DATAPOINTS
SCHEMA DOCUMENT**

Task Order TPD-ARC-03-K-00103

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EF KEARNEY

Information Technology Consultants

a subsidiary of

**KEARNEY &
COMPANY** *Certified Public Accountants
and Consultants*

Schema **cdfi.xsd** (Subject to OMB Approval)

targetNamespace: <http://www.cdfifund.gov/docs/xsd/cdfi.xsd>

Elements

[ClientID](#)

[ImpactProfile](#)

[InvesteeProfile](#)

[OriginatorTransactionID](#)

[ProjectedOutputs](#)

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element **ClientID**

diagram



Client ID is the Organization specific identifier that uniquely identifies the Customer/Investee as captured by the Loan/Investment capture system. This will identify clients that

namespace <http://www.cdfifund.gov/docs/xsd/cdfi.xsd>

type restriction of **xs:string**

used by element [Transmission](#)

facets minLength 1

maxLength 20

annotation documentation Client ID is the Organization specific identifier that uniquely identifies the Customer/Investee as captured by the Loan/Investment capture system. This will identify clients that

element **ImpactProfile**

diagram

ImpactProfile

Impact Profile is information about the impact measures tied to the investment.

namespace <http://www.cdfifund.gov/docs/xsd/cdfi.xsd>

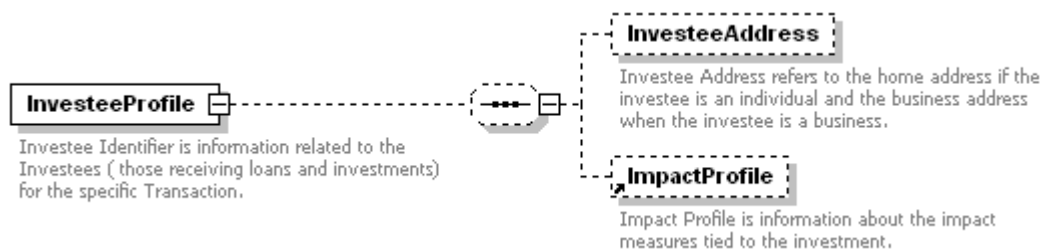
used by element [InvesteeProfile](#)

attributes	Name	Type	Use	Annotation
	FirstTimeHome Buyer	xs:string	optional	If there is more than one borrower, respond for the primary borrower. If there is more than one primary borrower, select "YES" if one or more is a first-time homebuyer
	CreditScore	xs:string	optional	FICO Score is the most recently collected FICO score of the primary borrower or investee. If there is more than one borrower or investee, use the FICO score of the primary borrower or investee. If there is more than one primary borrower or investee, enter the highest FICO score. This element is applicable only if the Investee Type = "Individual", or "Business".
	DSFCOSHoursOfAssistancePostLoanInvestment	xs:decimal	optional	Total hours of assistance is the total hours of "Development Services" or "Financial Counseling and Other Services" that the CDFI or CDE, respectfully, provided to the borrower/business from the loan/investment origination to the end of the reporting during which the loan/investment is first reported to the Fund. This is a one-time only entry point per transaction. Additional hours of development services will be captured in other "T/TA FCOS" fields.
	DSFCOSHoursOfAssistanceAtTimeOfInvestment	xs:decimal	optional	This is the total cumulative hours of "Development Services" or "Financial Counseling and Other Services" that the CDFI or CDE, respectfully, provided to borrower/business from initial intake to the origination of the loan/investment. This is a one-time only entry point per transaction. The remaining hours of assistance provided during the first reporting year are captured in a separate field. Additional hours of ongoing development services will be captured as a "Transaction Status" data point annually.
	FemaleHeadedHousehold	xs:string	optional	Valid Values YES, NO
	Gender	xs:string	optional	Gender identifies the gender of the primary borrower/investee. If there is more than one borrower, select the gender of the primary borrower. If there is more than one primary borrower, and at least one is male and one is female, select "Both". If the borrower is a corporation enter "NA" (Not Applicable). This element is applicable for Investee Type = "Individual", or "Business". Valid values are: Male, Female, Both, NA
	HispanicOrigin	xs:string	optional	Hispanic Origin identifies the ethnicity of the primary borrower/investee. If there is more than one borrower, select the ethnicity of the primary borrower. If the borrower is a corporation enter "NA" (Not Applicable). This element is applicable for Investee Type = "Individual", or "Business".

			Valid values are: YES, NO, Not Given, NA.
Race	xs:string	optional	<p>Race is the race of the primary borrower. Race identifies the race of the primary borrower/investee. If there is more than one borrower, select the race of the primary borrower. If the borrower is a corporation enter "NA" (Not Applicable). This element is applicable for Investee Type = "Individual", or "Business".</p> <p>Valid values are: American Indian, Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, White, Other, NA, NOT GIVEN</p>
LowIncomeStatus	xs:string	optional	<p>Refers to the income of the borrower or investee. If there is more than one borrower, respond for the primary borrower. If there is more than one primary borrower, select the income status of the highest income person.</p> <p>CIIS valid values are: Low, Very Low, Other, NA</p>
BankedAtTimeOfIntake	xs:string	optional	If there is more than one borrower, respond to the primary borrower. If there is more than one primary borrower, select "YES" if at least one has a bank or credit union account.
RejectedByBankOrCreditUnion	xs:string	optional	If there is more than one borrower, respond to the primary borrower. If there is more than one primary borrower, select "YES" if any of them were rejected by a bank or credit union for a similar loan request
annotation	documentation	Impact Profile is information about the impact measures tied to the investment.	

element InvesteeProfile

diagram



namespace <http://www.cdfifund.gov/docs/xsd/cdfi.xsd>

children [InvesteeAddress](#) [ImpactProfile](#)

used by element [Transmission](#)

attributes	Name	Type	Use	Annotation
	InvesteeType	xs:string	optional	<p>Investee Type is the type of investee for the transaction. If the Investee is a sole proprietor being finances for his/her business enter "Business"</p> <p>Valid values are:</p>

			Individual, Business, Other for organizations that are CDFIs Business, CDE for organizations that are CDEs.
BusinessDescription	xs:string	optional	Business Type Description is the description of the type of business conducted by the entity. Examples are "Day Care Center", "Ice Cream Shop", "Hair Salon", etc.
NAICSCode	xs:string	optional	NAICS Code is the code assigned to the type of business being conducted by the business. The code can be obtained from the Census Bureau or the NIST web sites. Enter the NAICS code or the SIC Code in the SIC code field. This is the same 6-digit identifier the business owner would use to report the business revenue on his/her federal tax return. See IRS schedule C Form, question B.
SICCode	xs:string	optional	SIC Code is the code assigned to the type of business being conducted by the business. The code can be obtained from the Census Bureau or the NIST web sites. Enter the SIC code in this element or the NAICS code in the NAICS code element.
DateBusinessEstablished	xs:date	optional	Date Business Established is the date the formal papers were signed or the first sales occurred. If day is not known, enter the 1st. If month is not known enter 1 (January). This element is for Investee Type of Business, CDE or CDFI.
EntityStructure	xs:string	optional	Entity Structure denotes the tax status of the entity. Enter Non-Profit if the entity has a determination letter from the IRS responding to their application for nonprofit status. See IRS publication 557 for more information. Enter Tribal or Village Government if the financed entity is a tribal or village government, whether or not it has been federally recognized as such. Enter "Other" for all other structures including a government or quasi-government entity, i.e., a water authority.
			CIIS Values are: For-Profit, Non-Profit, Tribal or Village Government, Other
JobsAtTimeOfLoanOrInvestment	xs:decimal	optional	
MinorityOwnedOrControlled	xs:string	optional	Minority Owned Or Controlled is a flag to indicate if the entity is owned or controlled by a minority. This attribute is for a Business, CDE or CDFI. CIISvalues are: Yes,No
WomenOwnedOrControlled	xs:string	optional	Women Owned Or Controlled is a flag to indicate if the entity is owned or controlled by a women. This attribute is for a Business, CDE or CDFI. CIISvalues are: Yes,No
LowIncomeOwnedOrControlled	xs:string	optional	Low Income Owned Or Controlled is a flag to indicate if the entity is owned or controlled by low income people. This attribute is for a
annotation	documentation	Investee Identifier is information related to the Investees (those receiving loans and investments) for the specific Transaction.	

element **InvesteeProfile/InvesteeAddress**

diagram

InvesteeAddress

Investee Address refers to the home address if the investee is an individual and the business address when the investee is a business.

namespace <http://www.cdfifund.gov/docs/xsd/cdfi.xsd>

attributes	Name	Type	Use	Annotation
	StreetAddressLine1	xs:string	required	Street Address Line 1 is the Address Line 1 for the Investee. This cannot be a PO Box.
	StreetAddressLine2	xs:string	optional	Street Address Line 2 is the Address Line 2 for the Investee.
	City	xs:string	required	City is the city in which the Investee is located.
	State	xs:string	required	State is the state in which the investee is located.
	ZipCode5	xs:integer	required	Zip Code 5 is the first 5 digits of the Zip Code
	ZipCodePlus4	xs:integer	optional	Zip Code Plus 4 is the 4 digit extension for the Zipcode

annotation documentation Investee Address refers to the home address if the investee is an individual and the business address when the investee is a business.

element **OriginatorTransactionID**

diagram

OriginatorTransactionID

Originator Transaction ID is the Organization specific identifier that uniquely identifies the loan or investment as captured by the Loan/Investment capture system.

namespace <http://www.cdfifund.gov/docs/xsd/cdfi.xsd>

type restriction of **xs:string**

used by element [Transmission](#)

facets
 minLength 1
 maxLength 20

annotation documentation Originator Transaction ID is the Organization specific identifier that uniquely identifies the loan or investment as captured by the Loan/Investment capture system.

element **ProjectedOutputs**

diagram

ProjectedOutputs

Projected Outputs is information related to the anticipated/projected outputs that may result from the Loan/Investment.

namespace <http://www.cdfifund.gov/docs/xsd/cdfi.xsd>

used by element [Transmission](#)

attributes	Name	Type	Use	Annotation
	ProjectedJobsToBeCreated	xs:decimal	optional	The number of full-time equivalent jobs projected to be created due to this financing. For Real Estate loans enter the number of construction jobs expected to be created by the financed construction project.
	CapacityOfCommunityFacility	xs:decimal	optional	This is the projected capacity of the community service facility after the funded project has been completed. For example, projected child care slots, projected health care beds, projected capacity of educational facility. Leave blank if the project does not involve a community service facility.
	SquareFeetOfRealEstateOffice	xs:decimal	optional	This is the number of office square feet of real estate that will be constructed or rehabilitated with this financing project.
	SquareFeetOfRealEstateRetail	xs:decimal	optional	This is the number of retail square feet of real estate that will be constructed or rehabilitated with this financing project.
	SquareFeetOfRealEstateManufacturing	xs:decimal	optional	This is the number of manufacturing square feet that will be constructed or rehabilitated with this financing project.
	AskingRentPerSquareFoot	xs:decimal	optional	This is the proposed asking rent per square foot for the commercial real estate project funded by this transaction.
	HousingUnitsForSale	xs:integer	optional	Total Housing Units Projected for sale for the project.
	HousingUnitsRental	xs:integer	optional	This is the number of rental housing units to be constructed or rehabilitated with this financing project.
	AffordableHousingUnitsForSale	xs:integer	optional	This is the number of for-sale affordable housing units to be constructed or rehabilitated with this financing project.
	AffordableHousingUnitsRental	xs:integer	optional	This is the number of rental affordable housing units to be constructed or rehabilitated with this financing project.
annotation	documentation	Projected Outputs is information related to the anticipated/projected outputs that may result from the Loan/Investment.		

element **TransactionProfile**

diagram

TransactionProfile

Transaction Profile is information related to the Transaction (Loan/Investment).

namespace <http://www.cdfifund.gov/docs/xsd/cdfi.xsd>

used by element [Transmission](#)

attributes	Name	Type	Use	Annotation
	GrossRevenueAtTimeOfInvestment	xs:decimal	optional	Gross Revenue At Time Of Investment is the Annual Gross Revenue of the entity as of its reporting period end prior to loan or investment closing, or its most recent 12-months of revenue reported prior to loan or investment closing. See also "Annual Gross Revenue from Business Operations Reported During the Reporting Period", in the Transaction Status section. This element is for Investee Type of Microenterprise or Business.
	Purpose	xs:string	required	Loan Purpose is used to identify how the loan or investment will be used. CIIS values are: Other Business-Fixed Asset Business-Working Capital Consumer Home Purchase Home Improvement Real Estate-Rehabilitation-Housing Development-Single Family Real Estate-Rehabilitation-Housing Development-Multifamily Real Estate-Rehabilitation-Commercial Real Estate-Construction-Commercial Real Estate-Construction-Housing Development-Single Family Real Estate-Construction-Housing Development-Multifamily
	TotalProjectCost	xs:decimal	optional	Total Project Cost is the total cost of the project being financed, inclusive of all sources of financing, not just the CDFI/CDE's portion of financing. For Home Purchase, this refers to the sale price of the home. This element is not applicable if the Purpose is Consumer or Home Repair.
	TotalProjectCostPublicSources	xs:decimal	optional	Total Project Cost Public Sources is the portion of the total cost of the project being financed, that is provided by public sources, if any. This element is not applicable if the Purpose is Consumer or Home Repair.
	DateClosed	xs:date	required	Date Of Origination is the date on which the Loan or Investment was made.

OriginalLoanInvestmentAmount	xs:decimal	required	Original Loan Investment Amount is the original amount of the loan or investment.
TransactionType	xs:string	required	Transaction Type is the type of the Loan or Investment. Valid CIIS values are: Term Loan, Equity Investment, Line Of Credit, Other.
Term	xs:short	optional	Term is the current, full term of the loan. If the loan has been restructured during the reporting period and the loan term changed, enter the new loan term. Please enter the full term, not the remaining term. Example: the original term is 36 months. In the 12th month, the loan is restructured and the term is lengthened by 24 months, for a total loan term of 60 months. Enter 60. This element is for transaction type of Term Loan or Other.
InterestRate	xs:decimal	optional	Interest Rate is the rate at which the loan has been disbursed. This element is valid for Transaction Type of Term Loan, Line Of Credit, or Other.
InterestType	xs:string	optional	Interest Type is the type of interest for the transaction. This attribute is for transaction Type of Term Loan, Line Of Credit or Other. CIIS Values are: Fixed, Adjustable.
LienPosition	xs:string	optional	Lien Position indicates the lien position if any on the transaction. Use the loan or investment agreement to identify the lien position of the CDFI/CDE lender. If another lender/investor receives priority in the case of a default, the lien position is "Second". If more than one receives priority, the lien position is "Other". If not others receive priority over the CDFI/CDE, the lien position is "First". CIIS valid values are: First, Second, Other.
EquityInjectionAmount	xs:decimal	optional	CDFIs/CDEs are expected to report the Equity Injection Amount only if it is used as an underwriting or analysis measure in its business strategy.
CollateralValueAtOrigination	xs:decimal	optional	Collateral Value At Origination is the estimate of the fair value of the collateral at the time of origination.
CollateralType	xs:string	optional	Collateral Type is the type of collateral for the transaction. CIIS values are: Real Estate Financed, Other Real Estate, Vehicle, Equipment, Inventory, Receivables, Personal Guarantee, Home Equity, Other, None.
AmortizationType	xs:string	optional	Amortization Type is the type of amortization. CIIS values are Fully Amortized, Partially Amortized, Balloon, Other
DateFirstPaymentDue	xs:date	optional	Date First Payment Due is the date on which the first payment is due for the transaction.
Guarantee	xs:string	optional	Guarantee is the source of guarantee if any portion of the transaction is guaranteed. CIIS values are: SBA, USDA, Other Federal Government, Other, None.
ForgivableLoan	xs:string	optional	Enter "Yes" if any portion of the loan can be turned into a grant. For example, many housing CDFI loans specify that if the borrower remains in the purchased home for a certain number of years and sells it back to

				CIIS values are: Yes, No
	RefinancedOriginalTransactionID	xs:string	optional	If this loan was used to pay off a prior loan made by the same organization and reported through CIIS, enter the "OriginatorTransactionID" field submitted through CIIS for the original transaction.
	EquityLikeFeatures	xs:string	optional	EquityLikeFeatures are the different "Kicker-..." fields used to identify "Debt with kicker" transactions, also known as loans with "equity-like" features. These features offer some upside potential over and above the return of principal and interest of the loan. The "kicker" can be tied to future revenues (royalties or participation agreement) or to equity (convertible debt or debt with warrants). "Kicker" also includes an interest rate that adjusts based on the borrowers performance. CIIS values are: None, Convertible Debt, Performance Based Interest, Royalties, Warrants, Other
	Points	xs:decimal	optional	Points is the points charged to the borrower at closing
	OriginationFees	xs:decimal	optional	Loan Fees are fees such as processing, credit report, and other fees,
annotation	documentation	Transaction Profile is information related to the Transaction (Loan/Investment).		

element TransactionStatus

diagram

TransactionStatus

Transaction Status is status information related to the Loan/Investment as of the end of the reporting period.

namespace <http://www.cdfifund.gov/docs/xsd/cdfi.xsd>

used by element [Transmission](#)

attributes	Name	Type	Use	Annotation
	PrincipalBalanceOutstanding	xs:decimal	optional	Principal Balance Remaining is the percentage of the transaction remaining as of the end of the reporting period.
	JobsAtReportingPeriodEnd	xs:decimal	optional	FTE in Business At Reporting Period End is the number of FTE (full time equivalents) employees reported by the entity at any point during the reporting period end. CDFIs involved in business lending, including microenterprise lending, are encouraged to conduct an annual survey of all portfolio companies to gather this data point and the data point related to "Gross Revenue...".
	DSFCOSHoursOfAssistanceProvidedDuringReportingPeriod	xs:decimal	optional	TTAFCOSHours of Assistance Provided is the total hours of "development Services" or "Financial Counseling and Other Services" that the CDFI or CDE, respectfully, provided to the borrower/entity during the reporting period. See two other "TTA/FCOS Hours of Assistance" data points in the "Impact Profile" section.
	DaysDelinquent	xs:short	optional	Days Delinquent is the number of days delinquent as of the reporting

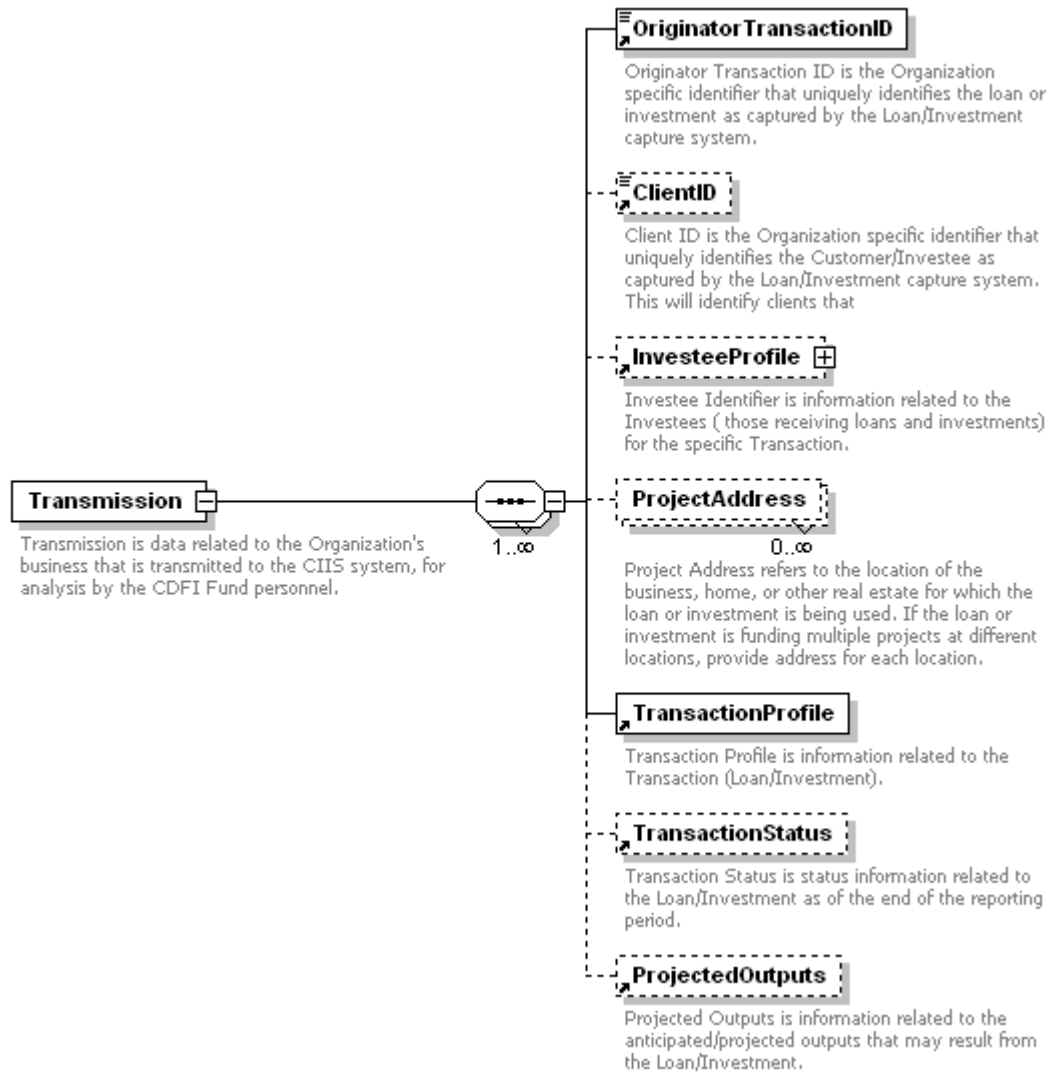
period end.

NumberOfTimes 60DaysOrMore Delinquent	xs:short	optional	Number of times that the borrower/entity was 60 days or more past due, during the reporting period.
AnnualGrossRe venueAtReportin gPeriod	xs:decimal	optional	Annual Gross Revenue At Reporting Period End is the Annual Gross Revenue of the entity as of its reporting period end or its most recent 12 months of revenue reported. See also "Annual Gross Revenue from Business Operations At Time of Investment" in "Transaction Profile" section. This element is for Investee Type of Business.
AmountRecover ed	xs:decimal	optional	Amount recovered during the reporting period is the dollar amount of recoveries during the reporting period.
FairValue	xs:decimal	optional	Fair Value is the estimated fair value of the investment at the reporting period end.
AmountCharged Off	xs:decimal	optional	Amount charged off during the reporting period.
LoanStatus	xs:string	optional	Loan Status is the status of the loan as of the reporting period end. CIIS values are: Active, Closed In Good Standing, Sold, Charged Off, Refinanced.
NumberOfTimes LoanRestructure d	xs:short	optional	

annotation documentation Transaction Status is status information related to the Loan/Investment as of the end of the reporting period.

element **Transmission**

diagram



namespace <http://www.cdfifund.gov/docs/xsd/cdfi.xsd>

children [OriginatorTransactionID](#) [ClientID](#) [InvesteeProfile](#) [ProjectAddress](#) [TransactionProfile](#) [TransactionStatus](#) [ProjectedOutputs](#)

attributes	Name	Type	Use	Annotation
	SubmitterTransmissionId	xs:string	optional	Submitter Transmission Id is the Id assigned by the submitter for this transmission. This identification is used by the submitter for the purpose of tracking their transmissions.
annotation	documentation	Transmission is data related to the Organization's business that is transmitted to the CIIS system, for analysis by the CDFI Fund personnel.		

element **Transmission/ProjectAddress**

diagram

ProjectAddress

Project Address refers to the location of the business, home, or other real estate for which the loan or investment is being used. If the loan or investment is funding multiple projects at different locations, provide address for each location.

namespace <http://www.cdfifund.gov/docs/xsd/cdfi.xsd>

attributes	Name	Type	Use	Annotation
	StreetAddressLine1	xs:string	required	Street Address Line 1 is the Address Line 1 for the Investee. This cannot be a PO Box.
	StreetAddressLine2	xs:string	optional	Street Address Line 2 is the Address Line 2 for the Investee.
	City	xs:string	required	City is the city in which the Investee is located.
	State	xs:string	required	State is the state in which the investee is located.
	ZipCode5	xs:integer	required	Zip Code 5 is the first 5 digits of the Zip Code
	ZipCodePlus4	xs:integer	optional	Zip Code Plus 4 is the 4 digit extension for the Zipcode
annotation	documentation	Project Address refers to the location of the business, home, or other real estate for which the loan or investment is being used. If the loan or investment is funding multiple projects at different locations, provide address for each location.		